NASA TM-109722 April 1994

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# Tews to NASA Tews Releases and Speeches

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Index to NASA News Releases and Speeches 1993

April 1994

NASA

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# Index to NASA News Releases and Speeches 1993

NASA TM-109722 April 1994

An index to selected news releases and speeches issued by NASA Headquarters during 1993.

### INTRODUCTION

This issue of the *Index to NASA News Releases and Speeches* contains a listing of news releases distributed by the Office of Public Affairs, NASA Headquarters, and a selected listing of speeches presented by members of the Headquarters staff during 1993. This index supplements the previous issues that were identified as *Index to NASA News Releases and Speeches 1963-1966*, and the supplements for 1967 through 1992.

The index is arranged in six sections—Subject Index, Personal Names Index, News Release Number Index, Accession Number Index, Speeches, and News Releases.

Section 1, Subject Index, contains subject headings arranged alphabetically that describe the contents of the items indexed. Under each heading the user will find applicable references to news releases and speeches containing information on that subject entry and, in many cases, cross-references to related subject headings. Each entry contains the title, accession number, news release number, and reference section (05 for Section 5, Speeches and 06 for Section 6, News Releases).

Two types of cross-references are used:

S for 'SEE' directs the user to a subject heading where references can be found-

#### COMSAT

S COMMUNICATIONS SATELLITE CORP.

SA for 'SEE ALSO' directs the user to related subject headings where additional references may be found—

# COMMUNICATION SATELLITES SA TELESAT SATELLITES

Section 2, Personal Names Index, contains personal names arranged alphabetically that identify the persons mentioned in the indexed items or, in the case of speeches, the speaker. Each entry contains the title, accession number, news release number, and the reference section. The symbol + is used to identify speeches presented by the person under whose name they are indexed.

Section 3, New Release Number Index, lists all numbered NASA News Releases arranged in news release number order, with the corresponding accession and reference numbers.

Section 4, Accession Number Index, lists all items indexed in this publication arranged in accession number order. Each entry contains the reference section and the corresponding news release number.

Section 5, Speeches, lists the speeches indexed in this publication arranged in accession number order. Each entry contains the title, speaker, date of release, and other reference information.

Section 6, News Releases, lists the news releases, press briefings, news conference transcripts, and other public information releases indexed in this publication, arranged in accession number order. Each news release reference contains the title, date of release, news release number, if any, and other reference information.

Copies of documents listed in this index are available to NASA offices on request from the NASA Center for AeroSpace Information (CASI), 800 Elkridge Landing Road, Linthicum Heights, MD 21090-2934. Requests for copies of the index itself should also be addressed to CASI via letter, the Internet (help@sti.nasa.gov), telephone (301-621-0390), or fax (301-621-0134).

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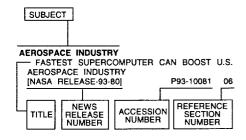
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AIRCRAFT NOISE

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SA NATIONAL FULL-SCALE AERODYNAMIC	TO RECEIVE AWARD	NASA AWARDS CONTRACT FOR EOSDIS COR SYSTEM
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·	[NASA RELEASE-93-221] P93-10222 06  FLUID FLOW S GAS JETS	[NASA RELEASE-93-1] P93-10001 06 DIAMONDS IN THE SKY CHALLENGE GALAXY
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FLIGHT RESEARCH CENTER, EDWARDS, CALIF. S DRYDEN FLIGHT RESEARCH FACILITY, CALIF. FLIGHT SAFETY NASA F-15 MAKES FIRST ENGINE-CONTROLLED TOUCHDOWN [NASA RELEASE-93-75] P93-10076 06	FLUID FLOW  S GAS JETS S INLET FLOW  FLUID MANAGEMENT FIRST SPACEHAB FLIGHT HIGHLIGHTS STS-57 SHUTTLE MISSION [NASA RELEASE-93-78] P93-10079 06	[NASA RELEASE-93-1] P93-10001 06 DIAMONDS IN THE SKY CHALLENGE GALAXY EVOLUTION THEORIES [NASA RELEASE-93-58] P93-10059 06 HUBBLE LOOKS AT THE HEART OF A GALAXY COLLISION
FLIGHT RESEARCH CENTER, EDWARDS, CALIF. S DRYDEN FLIGHT RESEARCH FACILITY, CALIF. FLIGHT SAFETY NASA F-15 MAKES FIRST ENGINE-CONTROLLED TOUCHDOWN	FLUID FLOW  S GAS JETS S INLET FLOW  FLUID MANAGEMENT FIRST SPACEHAB FLIGHT HIGHLIGHTS STS-57 SHUTTLE MISSION	[NASA RELEASE-93-1] P93-10001 06  DIAMONDS IN THE SKY CHALLENGE GALAXY EVOLUTION THEORIES [NASA RELEASE-93-58] P93-10059 06  HUBBLE LOOKS AT THE HEART OF A GALAXY COLLISION [NASA RELEASE-93-97] P93-10098 06
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GALACTIC NUCLEI  HUBBLE DISCOVERS A DOUBLE NUCLEUS IN CORE OF ACTIVE GALAXY	GAMMA RAY TELESCOPES S ENERGETIC GAMMA RAY EXPERIMENT TELESCOPE	GEOLOGICAL SURVEY OBS., FLAGSTAFF, ARIZ.  CLEMENTINE MISSION SCIENCE TEAM SELECTED [NASA RELEASE-93-66] P93-10067 06
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NEW DISCOVERIES BY NASA'S EUV EXPLORER PRESENTED [NASA RELEASE-93-105] P93-10106 06	NASA SATELLITE DATA SHAKE THEORIES ON GAMMA-RAY BURSTS [NASA RELEASE-93-72] P93-10073 06	NASA NAMES IMAGING PRINCIPAL INVESTIGATOR FOR MESUR PATHFINDER
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OPPIT BOOKT	SHUTTLE RAT EXPERIMENT YIELDS UNEXPECTED	SHUTTLE STS-60 MISSION
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[NASA RELEASE-93-179] P93-10180 06  GAMMA RAY BURSTS  NASA SATELLITE DATA SHAKE THEORIES ON GAMMA-RAY BURSTS [NASA RELEASE-93-72] P93-10073 06  GAMMA RAY OBSERVATORY  SA GAMMA RAY ASTRONOMY NASA SATELLITE DATA SHAKE THEORIES ON	RESULTS [NASA RELEASE-93-181] P93-10182 06  GENETICS AND GROWTH  SHUTTLE RAT EXPERIMENT YIELDS UNEXPECTED RESULTS [NASA RELEASE-93-181] P93-10182 06  GEOCHEMISTRY  DANTE ROBOT TO EXPLORE ACTIVE ALASKA VOLCANO IN SPRING [NASA RELEASE-93-195] P93-10196 06	[NASA RELEASE-93-61] P93-10062 06 FIRST SPACEHAB FLIGHT HIGHLIGHTS STS-57 SHUTTLE MISSION [NASA RELEASE-93-78] P93-10079 06  GINGA SATELLITE  MYSTERY OF 'FASTEST FLICKERING' GALAXY SOLVED [NASA RELEASE-93-192] P93-10193 06  GIS /INFORMATION SYSTEMS/ S GEOGRAPHIC INFORMATION SYSTEMS
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DEVELOPMENT PROCUREMENT CON	IFERENCE; LOS	HUBBLE INVESTIGATES COMET	ON A COLLISION	NASA TO DEVELOP TECHNOLOGY HIGH-SPEED TRANSPORTS	FOR FUTURE
ANGELES, CALIFORNIA  JMR ASSOCIATES	P93-10231 05	COURSE WITH JUPITER [NASA RELEASE-93-188]	P93-10189 06	[NASA RELEASE-93-52]	P93-10053 06
SPACE STATION REDESIGN ADVIS	ORY MEMBERS	IO'S 'GHOST' DETECTED ON JUF	PITER	NASA SPACE SUIT AND MEDICAL T HONORED	FECHNOLOGIES
NAMED [NASA RELEASE-93-59]	P93-10060 06	[NASA FIELEASE-93-208]	P93-10209 06	[NASA RELEASE-93-69]	P93-10070 06
JOHN F. KENNEDY SPACE CENTER, NA	SA, FLA.	JUPITER ORBITER/PROBE		NASA SYSTEM RESEARCH AIRCRAF TEST FLIGHT	T MAKES FIRST
S KENNEDY SPACE CENTER, O	COCOA BEACH	S GALILEO PROJECT		[NASA RELEASE-93-95]	P93-10096 06
	OCCUR DEMON,			•	
FLA.	•	V		NASA TESTING NEW, POWERFUL ENGINE FOR CIVIL JETS	
FLA.  JOHNS HOPKINS UNIV., BALTIMORE, M SA APPLIED PHYSICS LAB., LAURE	ID. L, MD.	K		NASA TESTING NEW, POWERFUL ENGINE FOR CIVIL JETS [NASA RELEASE-93-103]	DUCTED FANS P93-10104 06
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FLA.  JOHNS HOPKINS UNIV., BALTIMORE, M SA APPLIED PHYSICS LAB., LAURE SA APPLIED PHYSICS LABORATOR	ID. L, MD. Y	KELVIN WAVES  TOPEX/POSEIDON DATA CON PREDICTIONS		NASA TESTING NEW, POWERFUL ENGINE FOR CIVIL JETS [NASA RELEASE-93-103] NASA SELECTS UPPER INVESTIGATORS [NASA RELEASE-93-123] NASA AWARDS HIGH-SPEED AIF	DUCTED FANS P93-10104 06 ATMOSPHERE P93-10124 06
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FLA.  JOHNS HOPKINS UNIV., BALTIMORE, M SA APPLIED PHYSICS LAB., LAURE SA APPLIED PHYSICS LABORATOR HUBBLE DISCOVERS A DOUBLE NU OF ACTIVE GALAXY (NASA RELEASE-93-6) HUBBLE DEEP-SKY SURVEY FINDS GALAXIES IN A CLUSTER	D. L, MD. YCLEUS IN CORE P93-10007 06 S INTERACTING P93-10204 06 TEX.	KELVIN WAVES  TOPEX/POSEIDON DATA CON PREDICTIONS [NASA RELEASE-93-205]  KENNAMETAL, INC., PA.  CONSORT 6 LAUNCH DATE SET [NASA RELEASE-93-22]	P93-10206 06	NASA TESTING NEW, POWERFUL ENGINE FOR CIVIL JETS (NASA RELEASE-93-103) NASA SELECTS UPPER INVESTIGATORS (NASA RELEASE-93-123) NASA AWARDS HIGH-SPEED AIR MATERIALS STUDY CONTRACTS (NASA RELEASE-93-124)	P93-10104 06 ATMOSPHERE P93-10124 06 R TRANSPORT P93-10125 06
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FLA.  JOHNS HOPKINS UNIV., BALTIMORE, M. SA APPLIED PHYSICS LAB., LAURE SA APLEASE-93-6]  HUBBLE DISCOVERS A DOUBLE NU OF ACTIVE GALAXY [NASA RELEASE-93-6]  HUBBLE DEEP-SKY SURVEY FINDS GALAXIES IN A CLUSTER [NASA RELEASE-93-203]  JOHNSON SPACE CENTER, HOUSTON, SPACEWALK ADDED TO JULY SP FLIGHT [NASA RELEASE-93-21]  NASA FUNDS EXPERIMENT COMMERCIALIZE TECHNOLOGY [NASA RELEASE-93-37]  PEARSON ANNOUNCES SHUTT ADJUSTMENTS [NASA RELEASE-93-49]  PRIME AND BACKUP COSMONAUT SHUTTLE STS-60 MISSION [NASA RELEASE-93-61]  NASA SPACE SUIT AND MEDICAL TO	D. L, MD. YCLEUS IN CORE P93-10007 06 SINTERACTING P93-10204 06 TEX. ACE SHUTTLE P93-10022 06 TO HELP P93-10038 06 LE PROGRAM P93-10050 06 SINAMED FOR P93-10062 06	TOPEX/POSEIDON DATA CON PREDICTIONS [NASA RELEASE-93-205]  KENNAMETAL, INC., PA.  CONSORT 6 LAUNCH DATE SET [NASA RELEASE-93-22]  KENNEDY SPACE CENTER, COCOA II  KSC BASE OPERATIONS CO PROTESTS SETTLED [NASA RELEASE-93-18]  PEARSON ANNOUNCES SHU ADJUSTMENTS [NASA RELEASE-93-49]  SCIENTISTS REVEAL NATURE OF SUPERGIANT STAR [NASA RELEASE-93-63]	P93-10206 06  P93-10023 06  BEACH, FLA.  INTRACT AWARD  P93-10019 06  TTLE PROGRAM  P93-10050 06  F EXPLODING, RED  P93-10064 06	NASA TESTING NEW, POWERFUL ENGINE FOR CIVIL JETS (NASA RELEASE-93-103) NASA SELECTS UPPER INVESTIGATORS (NASA RELEASE-93-123) NASA AWARDS HIGH-SPEED AIF MATERIALS STUDY CONTRACTS (NASA RELEASE-93-124) NASA AND SUPRA MEDICAL CORFULTRASOUND DETECTOR (NASA RELEASE-93-125) NASA ADAPTING UNIQUE X-RAY INSPECT AIRCRAFT (NASA RELEASE-93-137) FLIGHT TESTS PROVE SIMPLER SAT AUTOLAND METHOD (NASA RELEASE-93-165) NEW WINDSHEAR SEN GOVERNMENT-INDUSTRY 'SUCCESS' (NASA RELEASE-93-170)	P93-10104 06 ATMOSPHERE P93-10124 06 ATRANSPORT P93-10125 06 TO DEVELOP P93-10126 06 SYSTEM TO P93-10138 06 ELLITE-GUIDED P93-10166 06 NSORS A STORY' P93-10171 06
FLA.  JOHNS HOPKINS UNIV., BALTIMORE, M. SA APPLIED PHYSICS LAB., LAURE SA APPLIED PHYSICS LABORATOR HUBBLE DISCOVERS A DOUBLE NU- OF ACTIVE GALAXY [NASA RELEASE-93-6]  HUBBLE DEEP-SKY SURVEY FINDS GALAXIES IN A CLUSTER [NASA RELEASE-93-203]  JOHNSON SPACE CENTER, HOUSTON, SPACEWALK ADDED TO JULY SP FLIGHT [NASA FUNDS EXPERIMENT COMMERCIALIZE TECHNOLOGY [NASA RELEASE-93-21]  PEARSON ANNOUNCES SHUTT ADJUSTMENTS [NASA RELEASE-93-49]  PRIME AND BACKUP COSMONAUT SHUTTLE STS-60 MISSION [NASA RELEASE-93-61]	D. L, MD. YCLEUS IN CORE P93-10007 06 SINTERACTING P93-10204 06 TEX. ACE SHUTTLE P93-10022 06 TO HELP P93-10038 06 LE PROGRAM P93-10050 06 SINAMED FOR P93-10062 06	TOPEX/POSEIDON DATA CON PREDICTIONS [NASA RELEASE-93-205]  KENNAMETAL, INC., PA.  CONSORT 6 LAUNCH DATE SET [NASA RELEASE-93-22]  KENNEDY SPACE CENTER, COCOA I KSC BASE OPERATIONS COPROTESTS SETTLED [NASA RELEASE-93-18]  PEARSON ANNOUNCES SHU ADJUSTMENTS [NASA RELEASE-93-49]  SCIENTISTS REVEAL NATURE OF SUPERGIANT STAR [NASA RELEASE-93-63]  STUDENTS BEGIN NASA LIFE SOPROGRAM [NASA RELEASE-93-117]  NASA, STATE OF FLORIDA, SIG	P93-10206 06  P93-10023 06  BEACH, FLA.  INTRACT AWARD  P93-10019 06  TTLE PROGRAM  P93-10050 06  F EXPLODING, RED  P93-10064 06  EIENCES TRAINING  P93-10118 06	NASA TESTING NEW, POWERFUL ENGINE FOR CIVIL JETS (NASA RELEASE-93-103) NASA SELECTS UPPER INVESTIGATORS (NASA RELEASE-93-123) NASA AWARDS HIGH-SPEED AIF MATERIALS STUDY CONTRACTS (NASA RELEASE-93-124) NASA AND SUPRA MEDICAL CORFULTRASOUND DETECTOR (NASA RELEASE-93-125) NASA ADAPTING UNIQUE X-RAY INSPECT AIRCRAFT (NASA RELEASE-93-137) FLIGHT TESTS PROVE SIMPLER SAT AUTOLAND METHOD (NASA RELEASE-93-165) NEW WINDSHEAR SEN GOVERNMENT-INDUSTRY 'SUCCESS SINASA RELEASE-93-170) NASA, FAA CONSIDER REVISED (NASA RELEASE-93-171) TWENTY NATIONAL STUDENT WINN	P93-10104 06 ATMOSPHERE P93-10124 06 R TRANSPORT P93-10125 06 P TO DEVELOP P93-10126 06 SYSTEM TO P93-10138 06 ELLITE-GUIDED P93-10166 06 SOORS A STORY P93-10171 06 WINDSHEAR P93-10172 06
FLA.  JOHNS HOPKINS UNIV., BALTIMORE, M SA APPLIED PHYSICS LAB., LAURE SA APPLIED PHYSICS LAB., LAURE SA APPLIED PHYSICS LABORATOR HUBBLE DISCOVERS A DOUBLE NU OF ACTIVE GALAXY [NASA RELEASE-93-6] HUBBLE DEEP-SKY SURVEY FINDS GALAXIES IN A CLUSTER [NASA RELEASE-93-203]  JOHNSON SPACE CENTER, HOUSTON, SPACEWALK ADDED TO JULY SP FLIGHT [NASA FUNDS EXPERIMENT COMMERCIALIZE TECHNOLOGY [NASA RELEASE-93-21]  PEARSON ANNOUNCES SHUTT ADJUSTMENTS [NASA RELEASE-93-49]  PRIME AND BACKUP COSMONAUT SHUTTLE STS-60 MISSION [NASA RELEASE-93-61]  NASA SPACE SUIT AND MEDICAL THONORED [NASA RELEASE-93-69]  BIENNIAL ASTRONAUT RECRUITING	D. L, MD. Y CLEUS IN CORE P93-10007 06 SINTERACTING P93-10204 06 TEX. ACE SHUTTLE P93-10022 06 TO HELP P93-10038 06 LE PROGRAM P93-10050 06 TS NAMED FOR P93-10062 06 TECHNOLOGIES P93-10070 06 TECHNOLOGIES P93-10070 06 TECHNOLOGIES P93-10070 06	KELVIN WAVES  TOPEX/POSEIDON DATA CON PREDICTIONS [NASA RELEASE-93-205]  KENNAMETAL, INC., PA.  CONSORT 6 LAUNCH DATE SET [NASA RELEASE-93-22]  KENNEDY SPACE CENTER, COCOA II  KSC BASE OPERATIONS CO PROTESTS SETTLED [NASA RELEASE-93-18]  PEARSON ANNOUNCES SHU ADJUSTMENTS [NASA RELEASE-93-49]  SCIENTISTS REVEAL NATURE OF SUPERGIANT STAR [NASA RELEASE-93-63]  STUDENTS BEGIN NASA LIFE SO PROGRAM [NASA RELEASE-93-117]  NASA, STATE OF FLORIDA, SIG TRANSFER ACCORD [NASA RELEASE-93-155]	P93-10206 06  P93-10023 06  BEACH, FLA.  NTRACT AWARD  P93-10019 06  TTLE PROGRAM  P93-10050 06  FEXPLODING, RED  P93-10064 06  EIENCES TRAINING  P93-10118 06  N TECHNOLOGY  P93-10156 06	NASA TESTING NEW, POWERFUL ENGINE FOR CIVIL JETS (NASA RELEASE-93-103) NASA SELECTS UPPER INVESTIGATORS (NASA RELEASE-93-123) NASA AWARDS HIGH-SPEED AIR MATERIALS STUDY CONTRACTS (NASA RELEASE-93-124) NASA AND SUPRA MEDICAL CORFULTRASOUND DETECTOR (NASA RELEASE-93-125) NASA ADAPTING UNIQUE X-RAY INSPECT AIRCRAFT (NASA RELEASE-93-137) FLIGHT TESTS PROVE SIMPLER SAT AUTOLAND METHOD (NASA RELEASE-93-165) NEW WINDSHEAR SEN GOVERNMENT-INDUSTRY 'SUCCESS' (NASA RELEASE-93-170) NASA, FAA CONSIDER REVISED (NASA RELEASE-93-171)	P93-10104 06 ATMOSPHERE P93-10124 06 R TRANSPORT P93-10125 06 P TO DEVELOP P93-10126 06 SYSTEM TO P93-10138 06 ELLITE-GUIDED P93-10166 06 SOORS A STORY P93-10171 06 WINDSHEAR P93-10172 06
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FLA.  JOHNS HOPKINS UNIV., BALTIMORE, M SA APPLIED PHYSICS LAB., LAURE SA APPLIED PHYSICS LAB., LAURE SA APPLIED PHYSICS LABORATOR HUBBLE DISCOVERS A DOUBLE NU OF ACTIVE GALAXY [NASA RELEASE-93-6] HUBBLE DEEP-SKY SURVEY FINDS GALAXIES IN A CLUSTER [NASA RELEASE-93-203]  JOHNSON SPACE CENTER, HOUSTON, SPACEWALK ADDED TO JULY SP FLIGHT [NASA FUNDS EXPERIMENT COMMERCIALIZE TECHNOLOGY [NASA RELEASE-93-21]  PEARSON ANNOUNCES SHUTT ADJUSTMENTS [NASA RELEASE-93-49]  PRIME AND BACKUP COSMONAUT SHUTTLE STS-60 MISSION [NASA RELEASE-93-61]  NASA SPACE SUIT AND MEDICAL THONORED [NASA RELEASE-93-69]  BIENNIAL ASTRONAUT RECRUITING	D. L, MD. LY CLEUS IN CORE P93-10007 06 SINTERACTING P93-10204 06 TEX. ACE SHUTTLE P93-10022 06 TO HELP P93-10038 06 LE PROGRAM P93-10050 06 TS NAMED FOR P93-10062 06 TECHNOLOGIES P93-10070 06 TECHNOLOGIES P93-10070 06 TECHNOLOGIES P93-10102 06	KELVIN WAVES  TOPEX/POSEIDON DATA CON PREDICTIONS [NASA RELEASE-93-205]  KENNAMETAL, INC., PA.  CONSORT 6 LAUNCH DATE SET [NASA RELEASE-93-22]  KENNEDY SPACE CENTER, COCOA IN KSC BASE OPERATIONS COPROTESTS SETTLED [NASA RELEASE-93-18]  PEARSON ANNOUNCES SHUADJUSTMENTS [NASA RELEASE-93-49]  SCIENTISTS REVEAL NATURE OF SUPERGIANT STAR [NASA RELEASE-93-63]  STUDENTS BEGIN NASA LIFE SCIENTISTS REVEAL NATURE OF SUPERGIANT STAR [NASA RELEASE-93-117]  NASA, STATE OF FLORIDA, SIG TRANSFER ACCORD [NASA RELEASE-93-155]  HUBBLE INSTRUMENT MAY RESTING [NASA RELEASE-93-169]	P93-10206 06  P93-10023 06  BEACH, FLA.  INTRACT AWARD  P93-10019 06  TTLE PROGRAM  P93-10050 06  F EXPLODING, RED  P93-10064 06  EIENCES TRAINING  P93-10118 06  N TECHNOLOGY  P93-10156 06  ECEIVE FURTHER  P93-10170 06	NASA TESTING NEW, POWERFUL ENGINE FOR CIVIL JETS (NASA RELEASE-93-103)  NASA SELECTS UPPER INVESTIGATORS (NASA RELEASE-93-123)  NASA AWARDS HIGH-SPEED AIF MATERIALS STUDY CONTRACTS (NASA RELEASE-93-124)  NASA AND SUPRA MEDICAL CORPULTRASOUND DETECTOR (NASA RELEASE-93-125)  NASA ADAPTING UNIQUE X-RAY INSPECT AIRCRAFT (NASA RELEASE-93-137)  FLIGHT TESTS PROVE SIMPLER SAT AUTOLAND METHOD (NASA RELEASE-93-165)  NEW WINDSHEAR SEN GOVERNMENT-INDUSTRY 'SUCCESS' (NASA RELEASE-93-170)  NASA, FAA CONSIDER REVISED (NASA RELEASE-93-171)  TWENTY NATIONAL STUDENT WINN IN WASHINGTON (NASA RELEASE-93-175)	P93-10104 06 ATMOSPHERE P93-10124 06 ATMOSPHERE P93-10125 06 ATRANSPORT P93-10125 06 ATRANSPORT P93-10126 06 ATRANSPORT P93-10138 06 ATRANSPORT P93-10138 06 ATRANSPORT P93-10138 06 ATRANSPORT P93-10170 06 ATRANSPORT P93-10171 06 ATRANSPORT P93-10
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SA OFFICE OF LEGISLATIVE AFFAIRS	SEMINAR SET FOR APRIL 1 [NASA RELEASE-93-57] P93-10058 06	TWENTY NATIONAL STUDENT WINNERS HONORED
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NEAR EARTH ASTEROID RENDEZVOUS /NEAR/ NASA BEGINS DEVELOPMENT OF FIRST	S NIMBUS 7	S NOVA CYGNI 1992 NOZZLES
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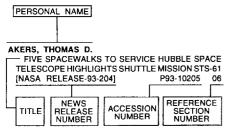
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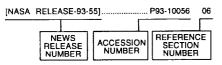
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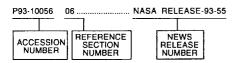
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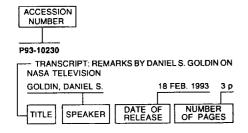
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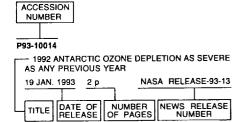
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